

Virginia Hurricane Evacuation & Sheltering

November 16, 2006

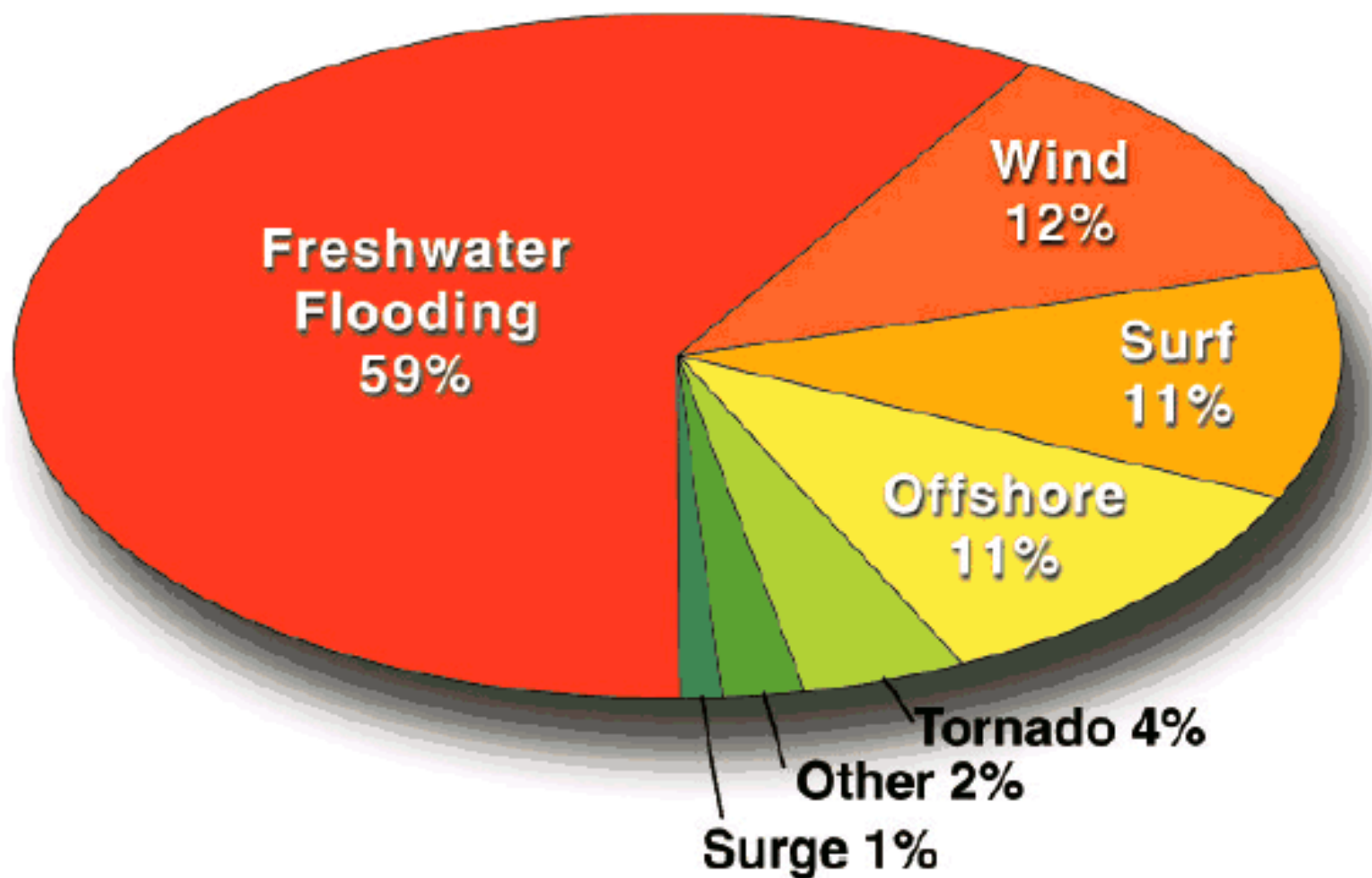
Hurricane Emergency Response Plan

VOL. 5

- The COVEOP, Volume 5, Hurricane Emergency Response Plan - Updated June 2006
- <http://www.vdem.state.va.us/library/plans/hurrplan/index.cfm>
- The VDOT Hampton Roads Traffic Control Plan – Updated June 2006
- <http://www.vdot.virginia.gov/comtravel/resources/Hurricane2006.pdf>

Why we evacuate

Leading Causes of Tropical Cyclone Deaths in the U.S 1970-1999



Source: Edward Rappaport—Chief, Technical Support Branch, Tropical Prediction Center

The decision to evacuate

- Governor can direct and compel an evacuation
 - Local jurisdictions usually determine which areas to evacuate based upon risk
- Phased evacuations
 - Phase 1 & 2
- Lane Reversal (Contra-flow) can be used for any category storm at the Governor's discretion

How many evacuees are we talking about? CAT 4 - 5

- @ 1.5 million people in Hampton Roads risk area
- @ 700,000 people are located in storm surge areas (*includes tourists*)
- @ 400,000 people expected to evacuate Hampton Roads Region
- Approximately 10% of evacuees (40K +/-) will seek public shelter based upon hurricane behavioral analysis

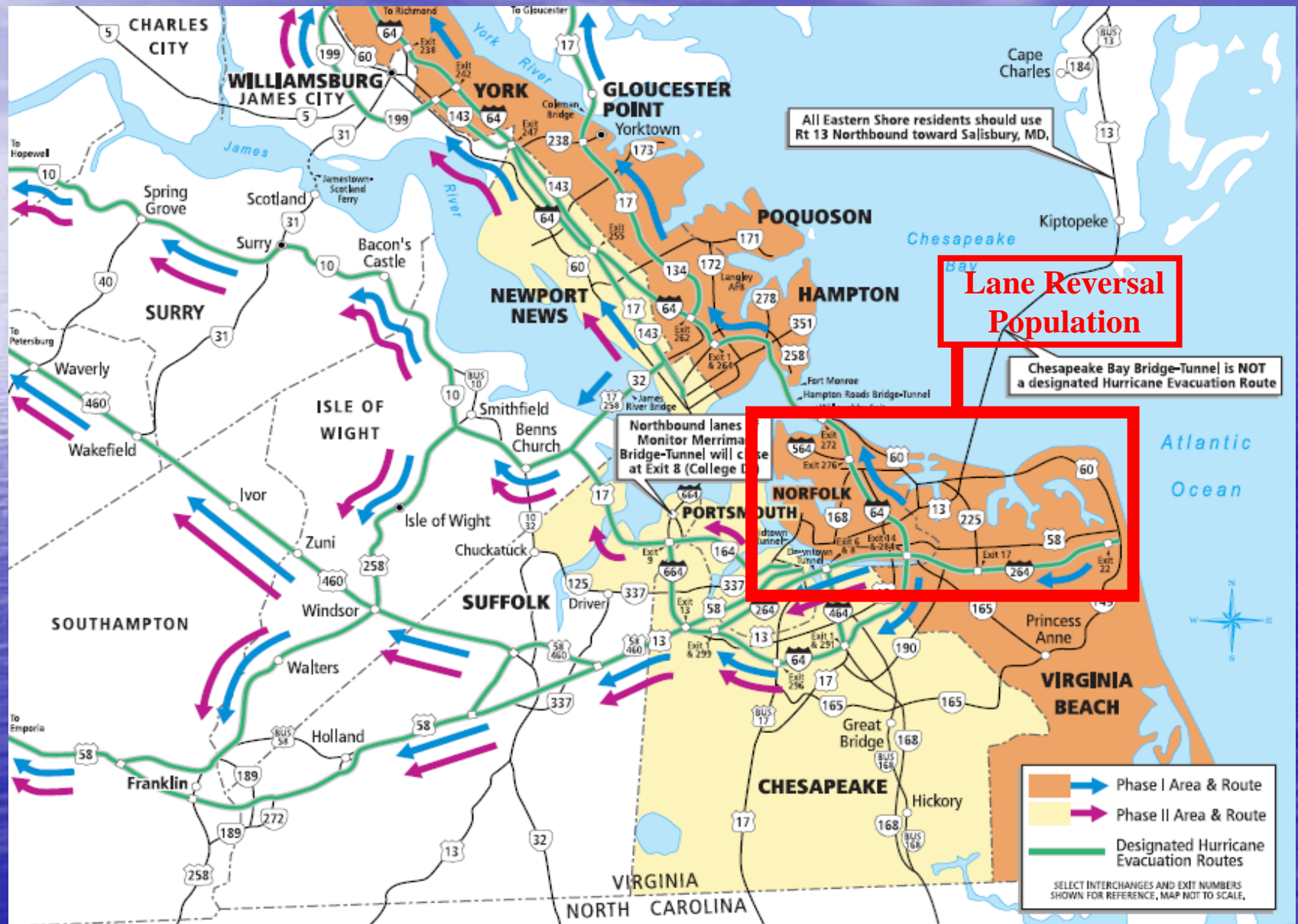
Where will they go?

- Major evacuation routes toward Central Virginia are:

Routes 58, 60, 460, 10, 17 and I-64 toward Emporia, Petersburg, Richmond, Fredericksburg and other inland locations

- Not everyone will use I-64

Hampton Roads Phased Evacuation Plan



Action Timeline For Evacuation

- I-64 lane reversal evacuation

72	Governor issues State of Emergency Declaration <i>(VDOT, VA National Guard & VA State Police put on alert)</i>
48	Mobilization of state resources
30	Governor's lane reversal decision point
27	Lane reversal implemented
3	Terminate evacuation Start road clearance both East & Westbound
0	Sustained Tropical Storm Force Winds (39mph)

Resource Needs / 12-Hour Shift

- VDOT – 212 personnel
- State Police – 157 personnel
- National Guard – 166 personnel
- Total 535

Evacuation Coordination

- Comprehensive evacuation oversight team in VEOC consisting of VDOT, VDEM, DSS (sheltering), VSP, VaNG and others.
- Transportation Emergency Operations Center (TEOC) manages roadway operations from a statewide perspective; coordinates with State EOC (VDEM)
- 5 Smart Traffic Centers (STC) manage events from a regional perspective; coordinate with TEOC
- Hampton Road and Richmond STCs are most involved

Enhancements to the plan

- Hurricane gates on I-64 eastbound ramps
- Coordination of bulk fuel distribution along evacuation route
- Use of VDOT Safety Service Patrol along I-64
- Emergency first aid/water/fuel station at designated areas along I-64

- Tricia Snead
- Dept. of Social Services